

# Chapter 1

## Introduction

Write a short introduction here...

**TODO** Two references per paragraph

**TODO** Base paragraph by the papers

**TODO** Subsections for the intro

**TODO** Moved from Chapter 2 The low presence of defenses implementations for WebAssembly motivates our work on Software Diversification as a preemptive technique that can help against known and yet unknown vulnerabilities.

### 1.1 Thesis Statement

### 1.2 Research questions

1. RQ1. To what extent can we artificially generate program variants for WebAssembly? **TODO** Motivation
2. RQ2. To what extent are the generated variants dynamically different? **TODO** Motivation
3. RQ3. To what extent do the artificial variants exhibit different execution times on Edge-Cloud platforms? **TODO** Motivation

### 1.3 Contributions

### 1.4 Publications

### 1.5 Talks

### 1.6 Software Artifacts

**TODO** Introduction to the thesis layout